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(54) **Engine fuel supply system**

(57) An engine fuel supply system is provided at a reduced cost by using a dual-purpose pump serving both for air removal from a cylinder fuel supply passage and for fuel supply into an exhaust pipe; and control means

which inhibits fuel supply from the dual-purpose pump into the exhaust pipe during air removal, and inhibits fuel supply from the dual-purpose pump to the cylinder fuel supply passage during fuel supply to the exhaust pipe.

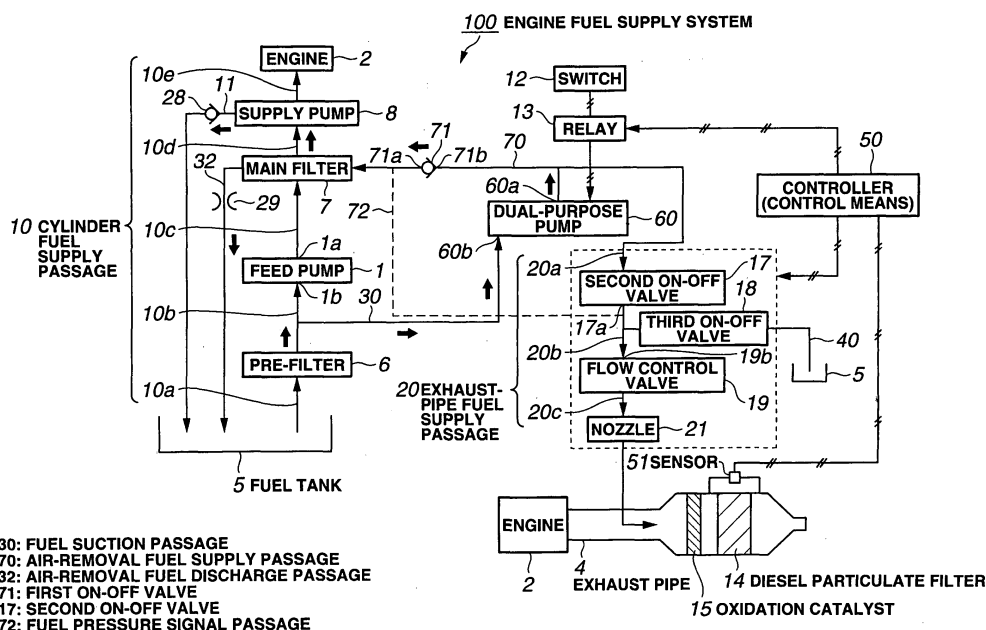


FIG.1



EUROPEAN SEARCH REPORT

Application Number
EP 10 00 5983

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	GB 1 195 318 A (KLOECKNER HUMBOLDT DEUTZ AG [DE]) 17 June 1970 (1970-06-17) * page 2, line 87 - page 2, line 107; figure 1 *	1	INV. F01N3/36 F01N3/24 F02M37/20
A	US 2005/247048 A1 (SCHALLER JOHANNES [DE] ET AL) 10 November 2005 (2005-11-10) * paragraph [0008]; figure 1 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F01N F02M
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 26 August 2010	Examiner Tatus, Walter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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26-08-2010

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82